International Application No. PCT/US87/02050

1. CLASSIFICATION F SUBJECT MATTER (if several classification symbols apply, indicate all) 3 According to International Patent Classification (IPC) or to both National Classification and IPC IPC (4): C12Q 1/68; C07H 21/00 US CL : 435/6; 536/27 II. FIELDS SEARCHED Minimum Documentation Searched 4 Classification System Classification Symbols 435/6,803; 536/27 US 935/78,9,11 436/501,811; 514/8; 530/300,324 Documentation Searched other than Minimum Documentation to the Extent that such Documents are included in the Fields Searched \$ COMPUTER SEARCH: APS; CHEMICAL ABSTRACTS (1967-PRESENT); BIOSIS (1967-PRESENT) III. DOCUMENTS CONSIDERED TO BE RELEVANT 14 Citation of Document, 16 with indication, where appropriate, of the relevant passages 17 Category • Relevant to Claim No. 15 Y Journal of Immunology, Volume 134, 1 - 34No. 4, issued April 1985, (Baltimore, MD, USA), M. Blue et al "Coexpression of T4 and T8 on peripheral blood T cells demonstrated by two-color fluorescence flow cytometry", see page Y Nature, Volume 312 issued 20 December 1 - 341984, (London, England), A.G. Dalgleish et al "The CD4 (T4) antigen is an essential component of the receptor for the AIDS retrovirus", see pages 763 and 766. $\frac{\mathbf{X}}{\mathbf{Y}}$ Cell, Volume 42, No. 1, issued August 1-12,20-31 1985 (Cambridge, MA, USA), P.J. Maddon et al "The Isolation and Nucleotide 13-19,32,33 Sequence of a cDNA Encoding the T Cell Surface Protein T4: A New Member of the Immunoglobulin Gene Family" see page 93. Special categories of cited documents: 13 later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed in the art. "4" document member of the same patent family IV. CERTIFICATION Date of the Actual Completion of the International Search 1 Date of Mailing of this International Search Report 1 28 October 1987 O NOV 1987 International Searching Authority 1 Signature of Authorizes Officer 10 ISA/US

Form PCT/ISA/210 (second sheet) (May 1986)

Applicant: Paul J. Maddon et al U.S. Serial No.: 09/891,119

Filed: June 25, 2001 Exhibit 3

FURTHER INFORMATION CONTINUED FROM THE SECOND SHEET		
<u>X</u> <u>Y</u>	Proceedings National Academy of Sciences, USA, Volume 83, No. 12, issued June 1986 (Washington, D.C., USA), M. Isobe et al "The gene	1-12
. 1	encoding the T-cell surface protein T4 is located on human chromosome 12" see page 4399.	
Y	Science, Volume 231, issued 24 January 1986 (Washington, D.C. USA), J.S. McDougal et al "Binding of HTLV-III/LAV to T4+ T Cells by a Complex of the 110K Viral Protein and the T4 Molecule" see	1-34
	page 382.	
	*	l
V. OBSE	RVATIONS WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE 10	
This international search report has not been established in respect of certain claims under Article 17(2) (a) for the following reasons: t. Claim numbers because they relate to subject matter 12 not required to be searched by this Authority, namely:		
	numbers , because they relate to parts of the international application that do not comply w	ith the prescribed require-
ments	to such an extent that no meaningful international search can be carried out 13, specifically:	
•		*
VIET OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING 11		
This Interna	tional Searching Authority found multiple inventions in this international application as follows:	
,	See Attachments	
1	required additional search fees were timely paid by the applicant, this international search report co	nvers all searchable claims
of the	international application. Iy some of the required additional search fees were timely paid by the applicant, this international	
those	claims of the international application for which fees were paid, specifically claims: 1-34 Telephone Practice	
J. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to		
the inv	ention first mentioned in the claims; it is covered by claim numbers:	
4.1 As all s	searchable claims could be searched without effort justifying an additional fee, the International S payment of any additional fee.	earching Authority did not
Remark on Protest		
The ad	ditional search fees were accompanied by applicant's protest.	
No pro	stest accompanied the payment of additional search fees.	